

The Army Environment



Total Force Integration
Office
Ft. Eustis, VA

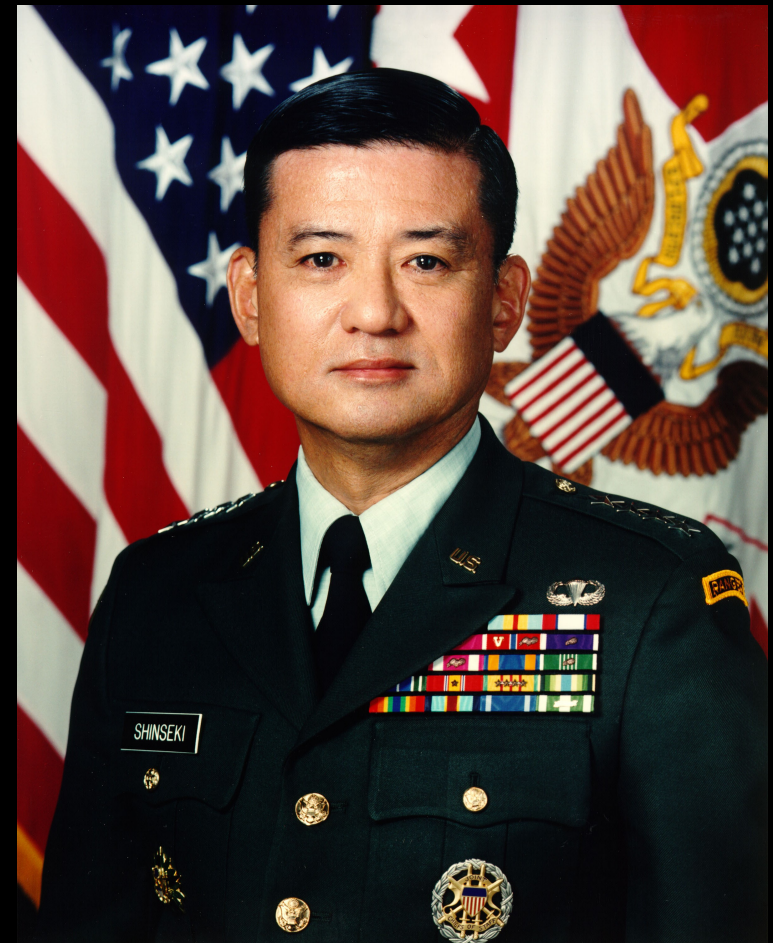
The Challenge



Office of the Chief of Staff
United States Army

Imperatives

- ✓ Increasing Strategic Responsiveness
- ✓ Developing a Clear Long-Term Strategy to Improve Operational Jointness and to Implement the Goals of Joint Vision 2010
- ✓ Developing Leaders for Joint Warfighting as Well As Change
- ✓ Completing the Full Integration of the Active and Reserve Components
- ✓ Manning our Warfighting Units
- ✓ Providing for the Well-Being of Soldiers, Civilians



THE ARMY CONCEPT

The diagram illustrates the concept of the Army environment, centered around three main components:

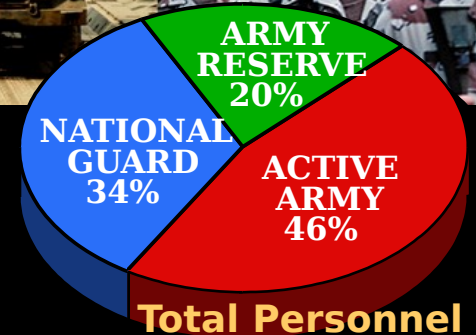
- ARNG** (Active National Guard)
- AC** (Army Center)
- USAR** (United States Army Reserve)

The central text reads "The Army Environment".

A Fully Integrated Force

Active & Reserve

Reserve forces provide critical capability

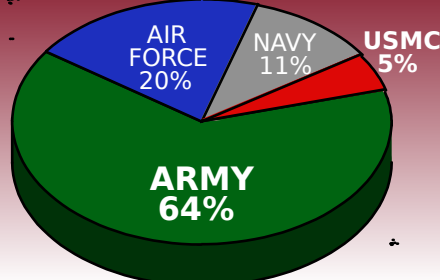


Reserve Components provide:

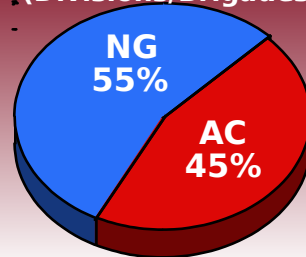
- 63% of Field Artillery
- 46% of Air Defense Artillery
- 60% of Medical force
- 98% of Civil Affairs and Psychological Operations

- ✓ Preparing 15 National Guard Brigades with enhanced readiness to reinforce the warfighting CINCs' needs
- ✓ Converting 12 National Guard brigade equivalents to CSS units
- ✓ America's Army Reserve is providing 74% of all Joint Reserve Forces committed in Bosnia

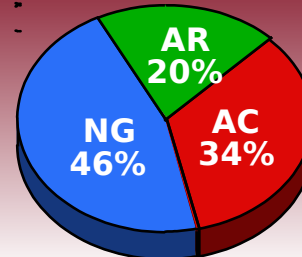
Service Share of Reserve Forces



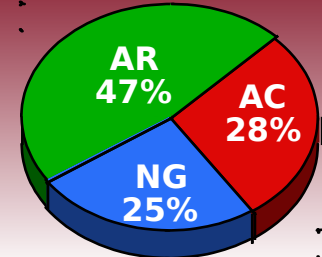
COMBAT (Divisions/Brigades)



COMBAT SUPPORT (Echelons above Division)



COMBAT SERVICE SUPPORT (Echelons above Division)






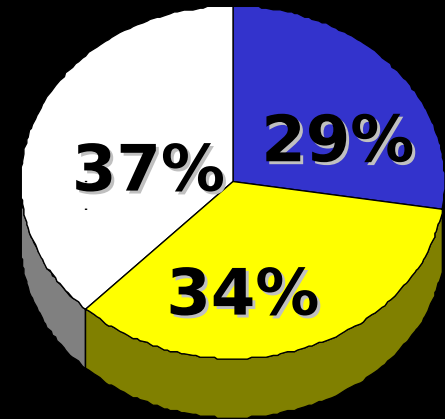
MTOE Units: AC = Active NG = National Guard AR = Army Reserve

Restructuring to capitalize on each



Current TC Military Force Authorization

	<u>OFFICE</u> <u>R</u>	<u>WARRAN</u> <u>T</u>	<u>ENLISTE</u> <u>D</u>	<u>TOTA</u> <u>L</u>
	1,229	174	14,981	16,384
	604	3	18,991	19,598
	<u>2,124</u>	<u>134</u>	<u>18,965</u>	<u>21,223</u>
<u>TOTA</u> <u>L</u>	3,957	311	52,937	57,205



■ AC
■ ARNG
■ USAR

Current USAR TC Composition

100%	Deploy Support Bdes
100%	Rail Structure
89%	CONUS Port Commands
83%	Freight Consolidation
75%	Trailer Transfer Companies
71%	Movement Control Detachments
62%	Watercraft Assets
60%	Composite Groups

The Transportation Force Command and Control - TAA 05

**HQ
Elements
Only**

Description	Component				
	1	2	3	Total	
TRANSCOM	1		1	2	
Composite Group	1	1	4	6	
Trans Motor Bn	7	2	10	19	
Trans Terminal Bn	3	0	5	8	
Trans Railway Bn			1	1	
Total	12	3	21	36	

Port Operations

Description	Component			
	1	2	3	Total
Co Hqs	3		3	6
LARC	1		1	2
LSV	5		3	8
Trans Med Wtrcft Co	1		1	2
Port Opns Cargo Det	3		5	8
Trans Hvy Wtrcft Co	2		2	4
Trans Flt Cft GS	1		1	2
Trans Contract Supv	4		16	20
Auto Cargo Doc	3		7	10
Harbormaster Det	4		4	8
Total	27	0	43	70

Movement Control

Description	Component			Total
	1	2	3	
Trans Agency Mvmt Con	1		1	2
Mvmt Ctl Bn (Corps)	3		1	4
Mvmt Ctl Bn (EAC)	3		5	8
Mvmt Ctl Tm (Port)	9		7	16
Mvmt Ctl Tm (Area)	14		24	38
Mvmt Ctl Tm (Div Spt)	10	8		18
Mvmt Ctl Tm (Regulating)	8		47	55
Mvmt Ctl Tm (Cgo Doc)	8		57	65
Total	56	8	142	206

Inland Transportation

Description	Component				Total
	1	2	3	Total	
LT-Med Trk Co (Corps)	5	16	3	24	
Med Trk Co 40 Ft (EAC)	9	21	24	54	
Med Trk Co 20 Ft (Corps)	1	28	4	8	
Med Trk Co PLS	8	10	15	33	
Cbt HET Co (96)	4	9	4	17	
Cbt HET Co (48)			1	1	
Trailer Trans Point	10		30	43	
Med Trk 7.5k (EAC)	2	29	15	34	
Med Trk 5.0k (Corps)	4	21	18	43	
Cargo Trans Co (CTC)	9		6	15	
Freight Cons & Dist			7	7	
Railway Eng Co			4	4	
Total	52	134	131	283	

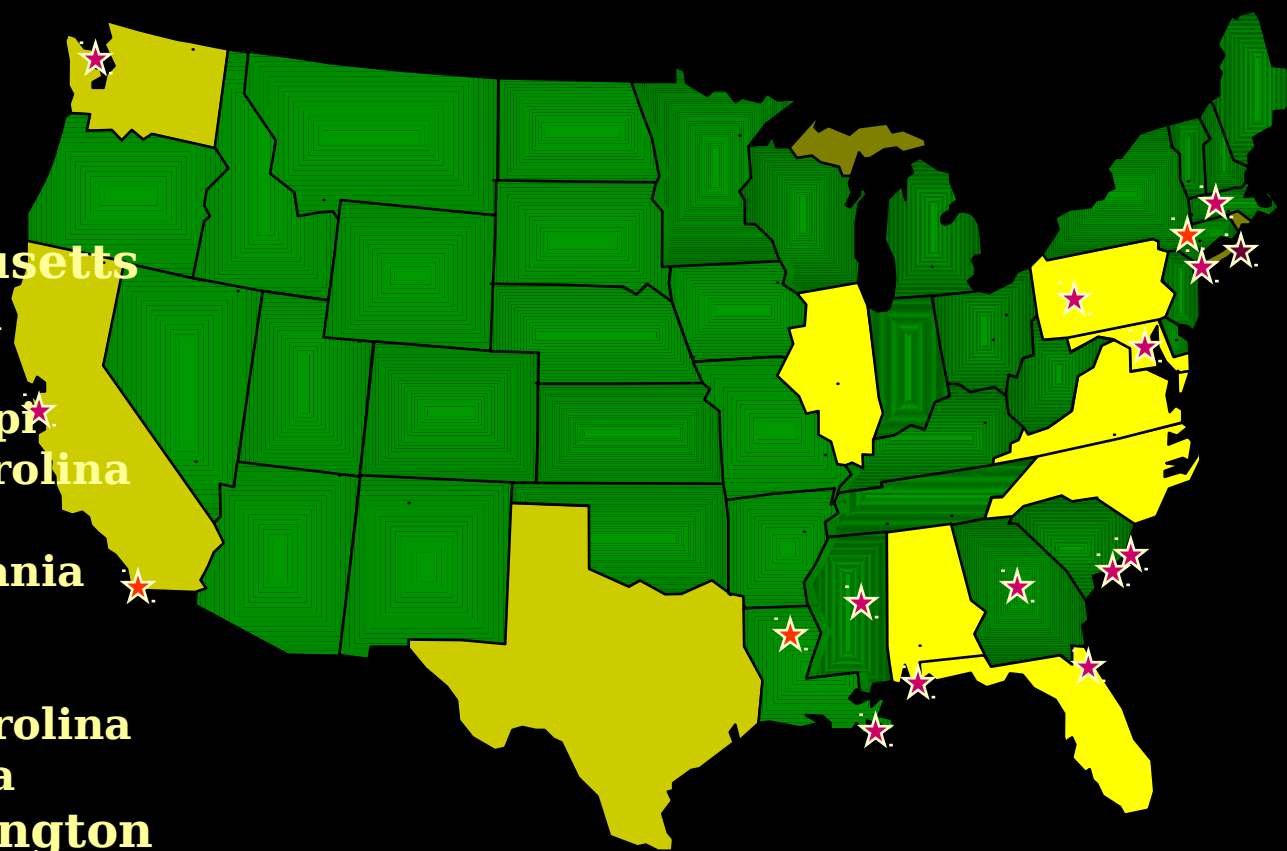
**USAR
Unique**

USAR TDA TRANSPORTATION

1205th Railway Bn Connection

1179th DSB New York
1190th DSB Louisiana
1394th DSB California

1173rd TTBn	Massachusetts
1174th TTBn	New York
1176th TTBde	Maryland
1181st TTBn	Mississippi
1182nd TTBn	South Carolina
1184th TTBn	Alabama
1185th TTBde	Pennsylvania
1186th TTBde	Florida
1188th TTBn	Georgia
1189th TTBde	South Carolina
1192nd TTBde	Louisiana
1395th TTBde	Washington
1397th TTBde	California



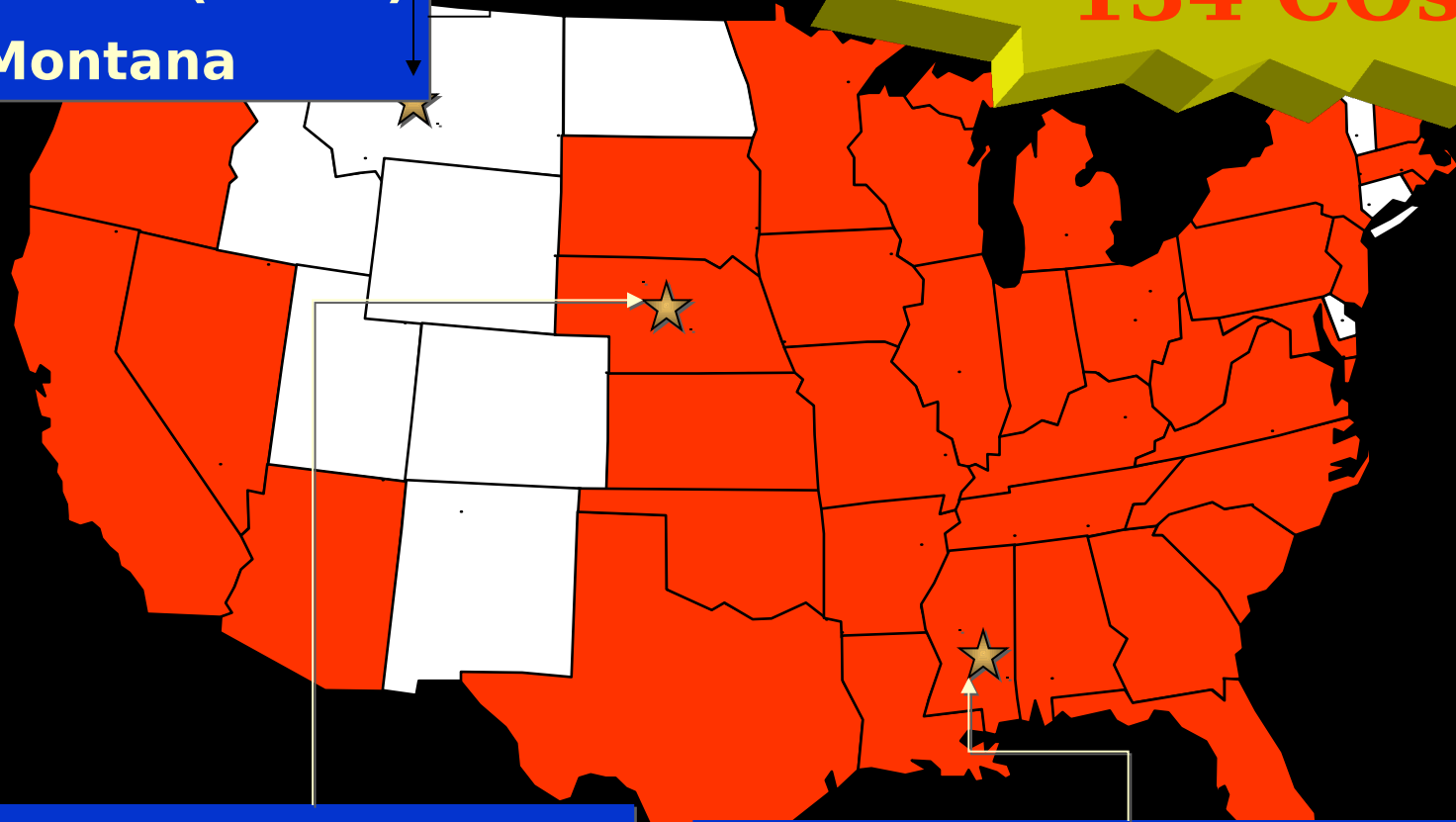
ARNG TC C2 in CONUS

**495th TC Bn (Motor)
Montana**

134 COs

**734th TC Bn (Motor)
Nebraska**

**Convert 184th TC Bde to
184th Trans Gp (Composite)**



TC Update



Multi-Component Initiatives

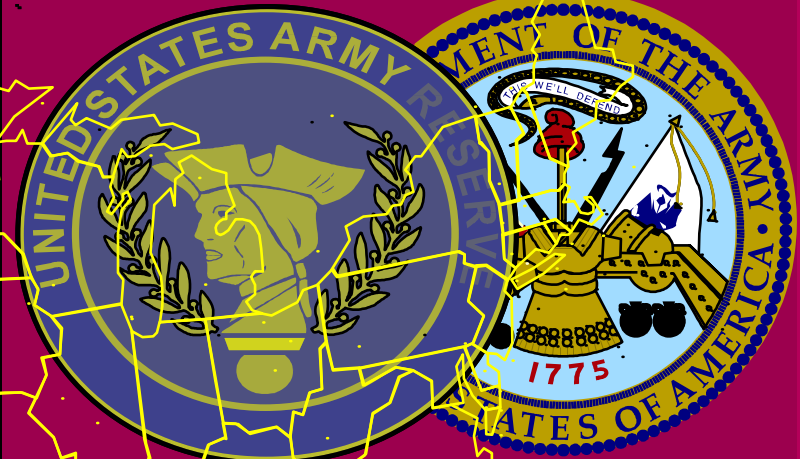
- **Truck Units**
- **Watercraft Units**
- **C2 Structure**

TC Force Structure Initiatives

40th TC Co

360th TC Co

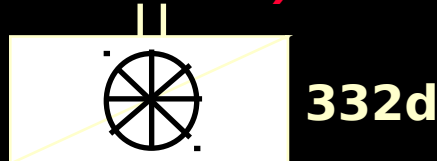
Multi-Component Units



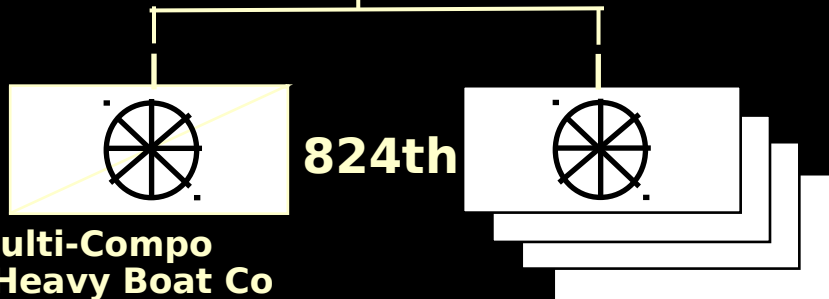
416th TC Co

Multi-Compo Terminal Battalions

Tampa, FL **FY 02 (Oct 01)**
Army Reserve Flag



332d
USAR Terminal
Bn



824th

Multi-Compo
Heavy Boat Co
(USAR
flagged; USAR
Vessels)

Other USAR Units

Ft. Eustis, VA **FY 02 (Oct 01)**
Active Component Flag



10th
AC Terminal
Bn



97th

Multi-Compo
Heavy Boat Co
(AC
flagged; AC Vessels)

Other AC Units

- Meets DA multi-compo policy guidance.
- Increases Total Army LCU availability by integrating AC& USAR (AGR and TPU) crew
- Vessels remain with owning component.
- Supports peacetime mission requirements (i.e. USARSO).
- Provides an additional assignment option for AC marine MOS soldiers.

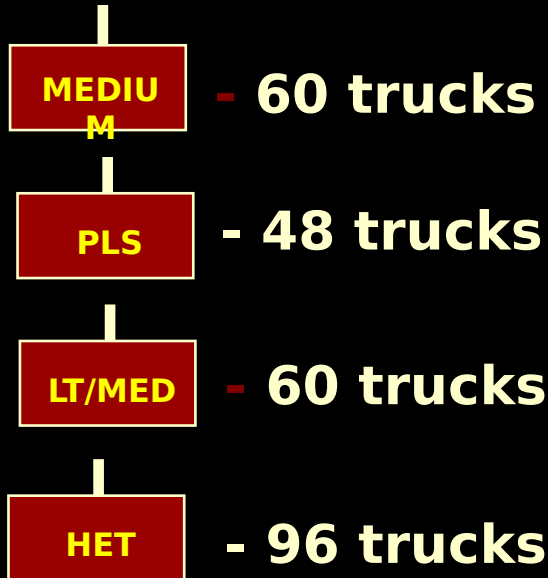
C2 Initiative

6TH TC BN

RC BATTALION COMMANDER

Standardized Truck Company

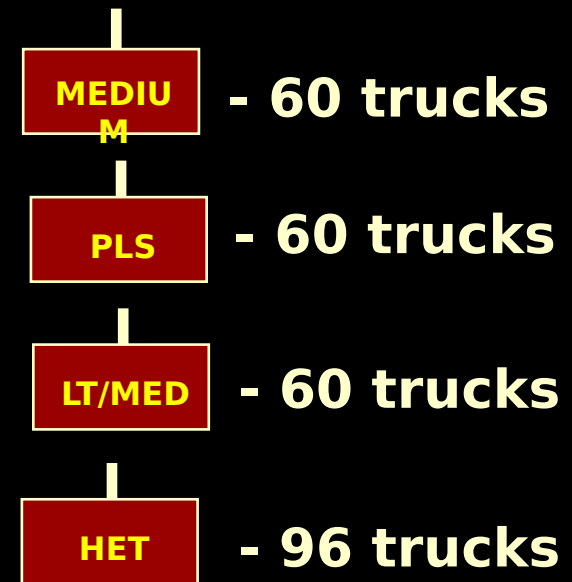
Current Structure



What is Different?

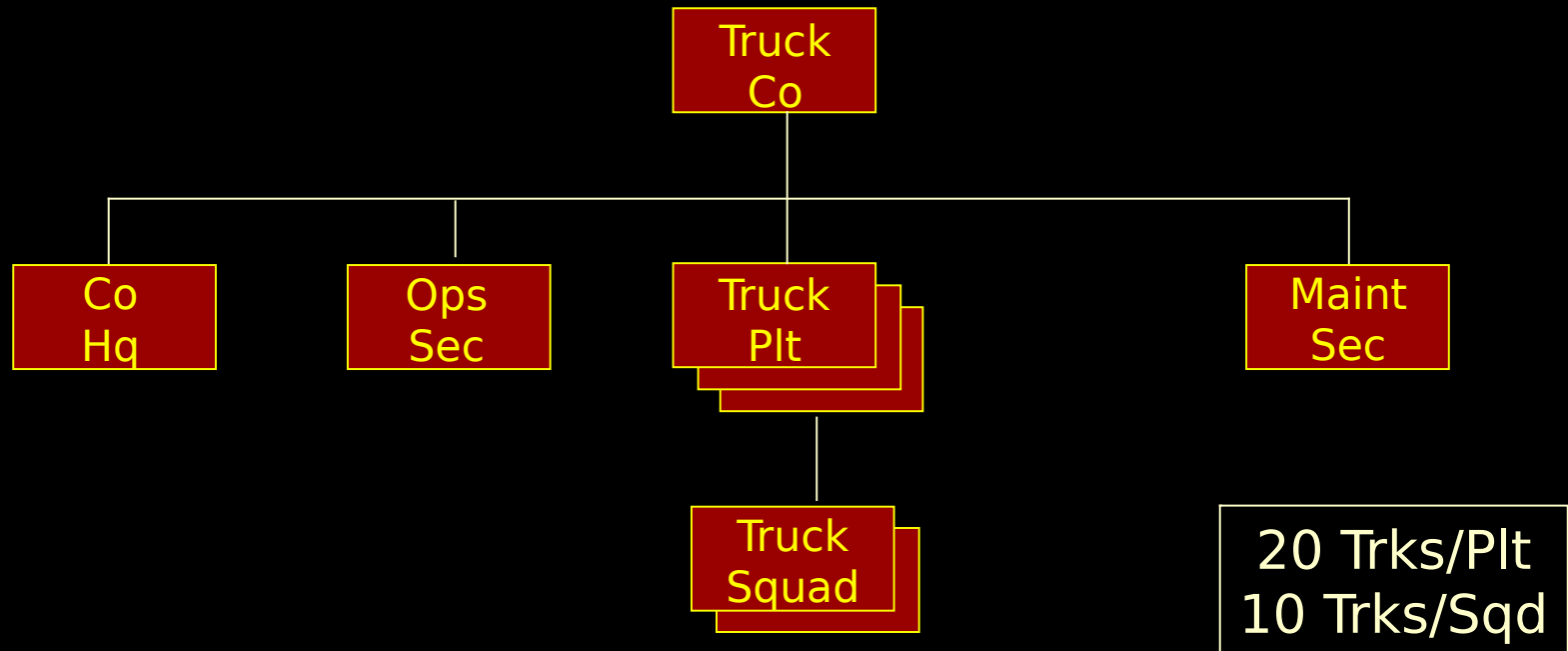
- Modular, easily tailored and more capable of performing split-based operations.
- Designed with operations section.

Proposed Structure



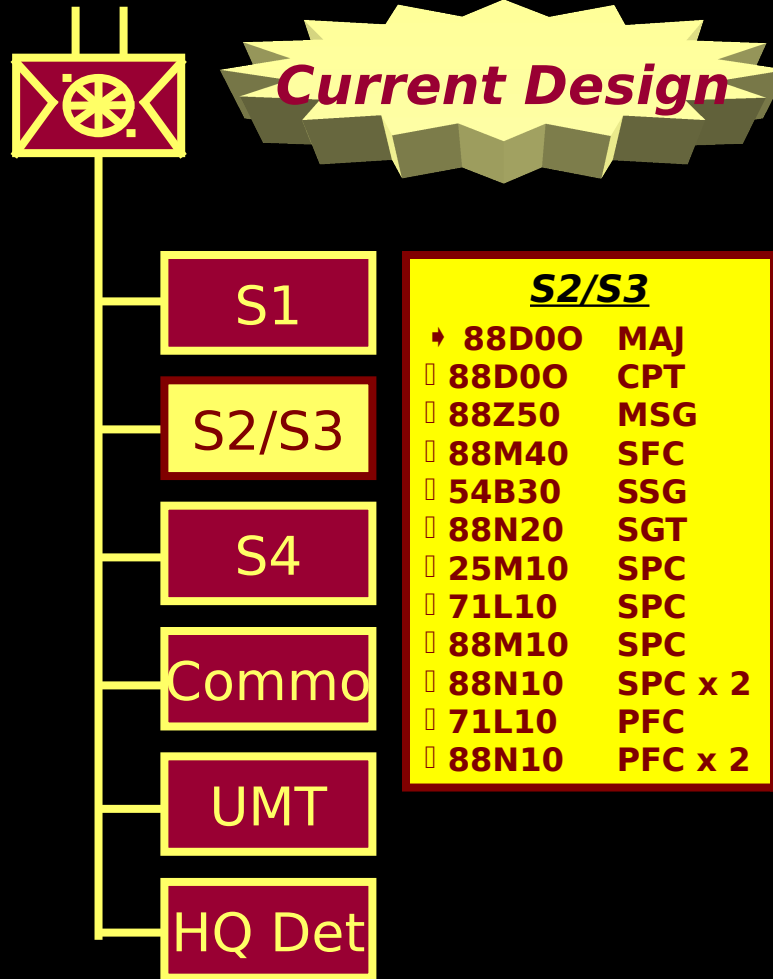
Standardized Truck Company Design

**Enhances task organization
& split based operations**

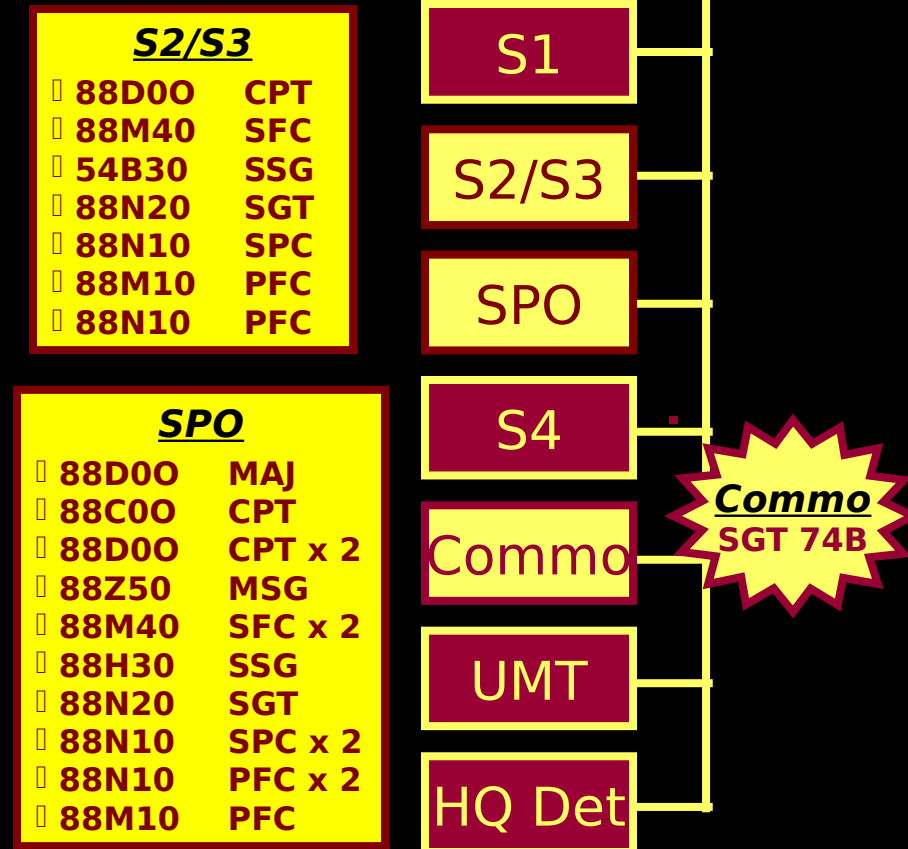


Motor Transport Battalion

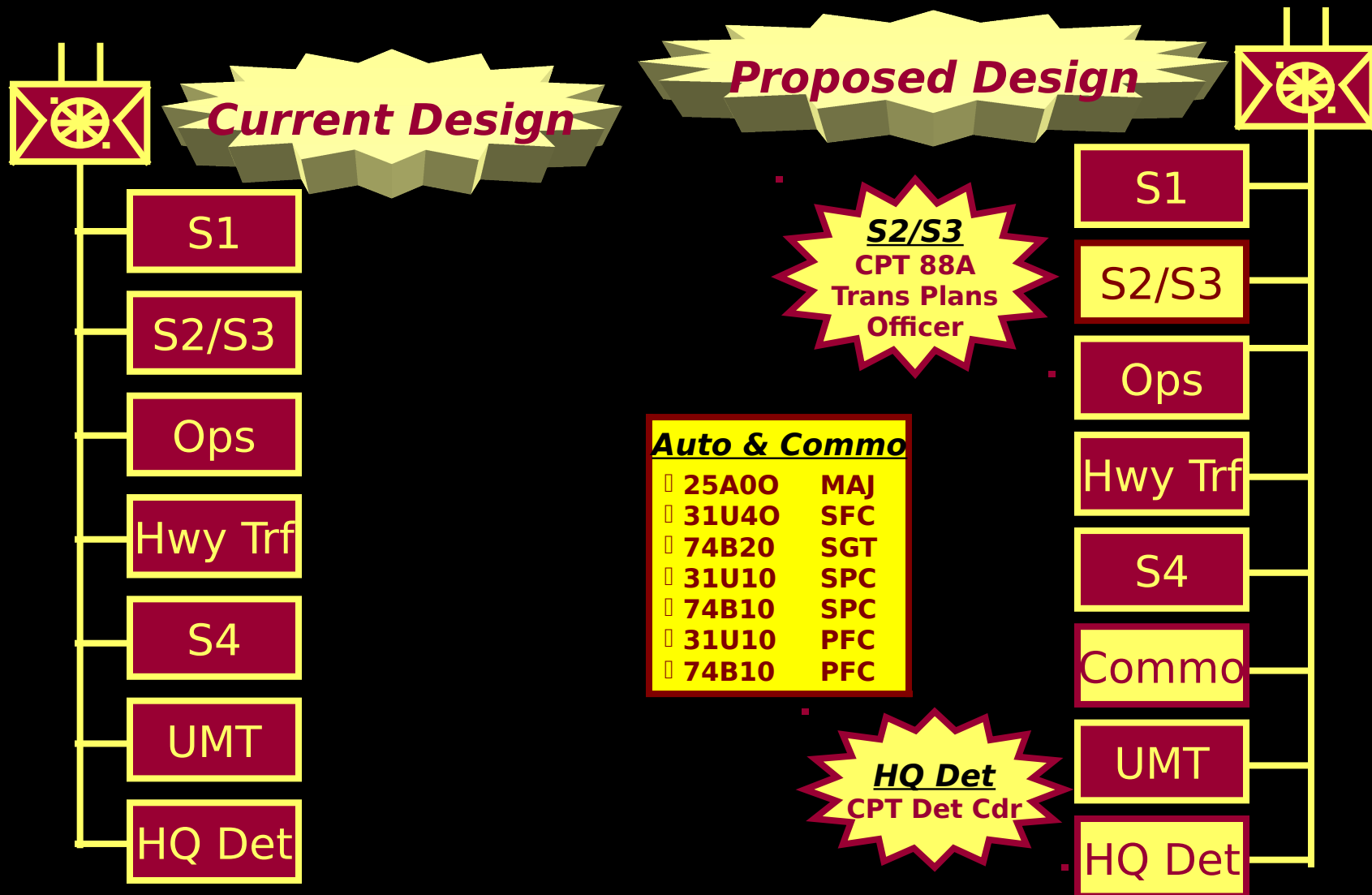
Current Design



Proposed Design

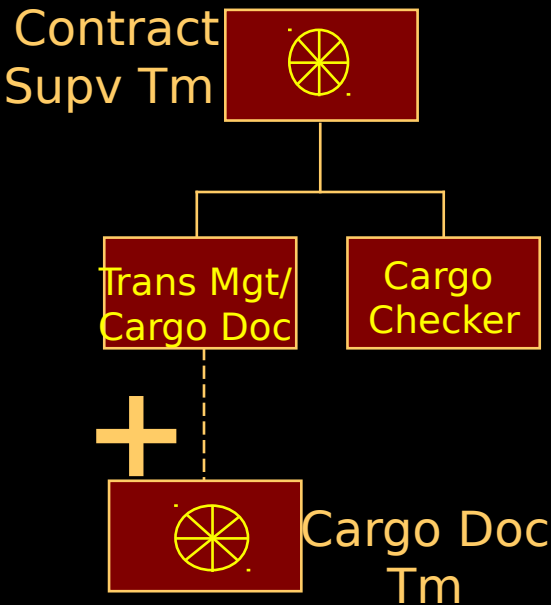


Movement Control Battalion (EAC & Corps)



Terminal Supervision Team & Port Management Team

Current Structure



What is Different?

- ✓ **24 Hour capability to supervise terminal contracts**
 - ✓ **Asset Visibility / ITV via WPS**
 - ✓ **Stowplanning via ICODES**
 - ✓ **Automation maintenance**
 - ✓ **Improved flexibility, modularity, tailorability**
- Issues: None.**

Proposed Structure



Terminal Supervision Team & Port Management Team

Proposed Design

Terminal Supervision Team



24 hour supervision of
contract services, **all
types of terminals**

Teams merge for
seaport operations

Port Management Team

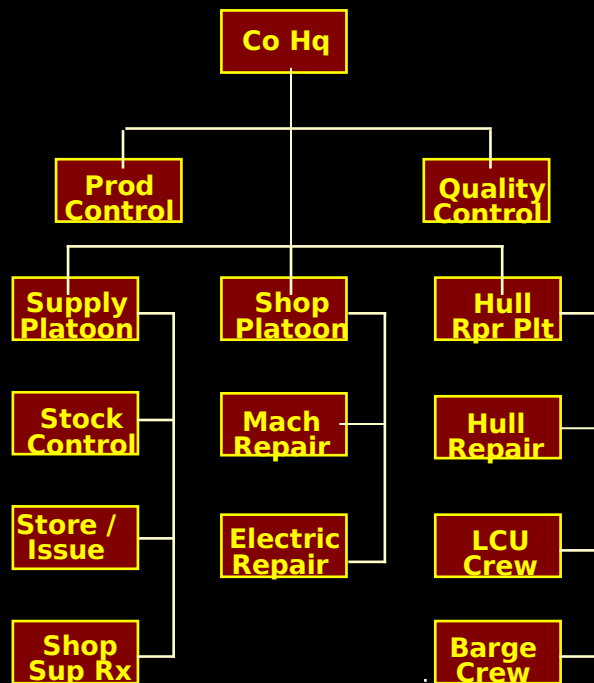


24 hour stow
planning & ship
documentation
at a seaport

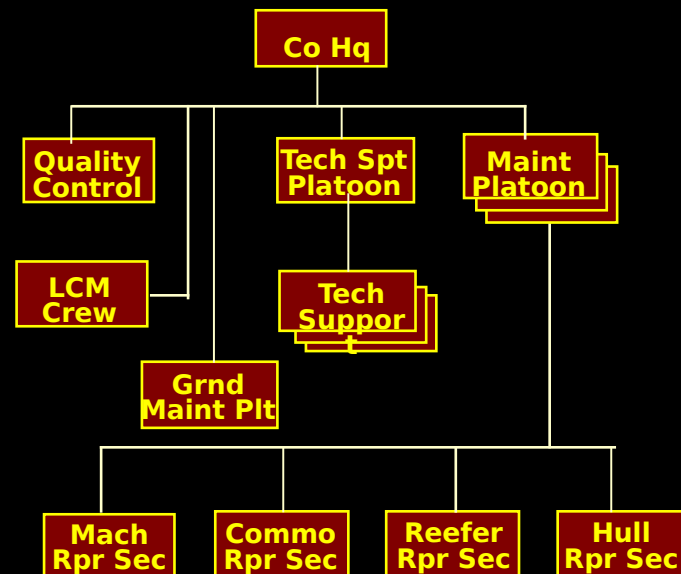
- ✓ Expanded capability to supervise terminal contracts
- ✓ Asset Visibility / ITV via WPS
- ✓ Expanded commercial port / berth opening
- ✓ Automation maintenance
- ✓ Stowplanning via ICODES
- ✓ Expandable for multi-ship operations (3+)
- ✓ Improved flexibility, modularity, tailorability

Port Opening Watercraft Maintenance Company

Current Structure



Proposed Structure



What is Different?

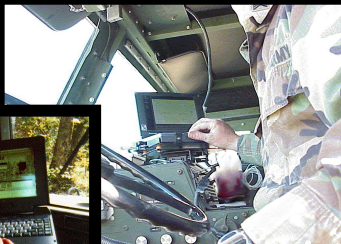
- **Modular deployable company, capable of operating a Containerized Maintenance Facility.**

Issues: None

TC Enablers



MTS



***Movement Tracking System (MTS)
Allows Theater-Wide Visibility of
Distribution Assets. When Coupled
With FBCB2, Within the BCT Battle
Space, Allows Full-Spectrum, Fully
Integrated Situational Awareness.***

***The Load Handling Capability of PLS
HEMTT-LHS Enables Efficient Throughput
Reduces the Logistics Footprint by
Significantly Reducing MHE
in the BCT Battle Space.***



Load Handling System



Flatracks



***Flatracks Employed ICW PLS & HEMTT-LHS
Support Rapid Transfer of Configured Loads
between Echelons, Achieving Velocity
Management
Timely Delivery and Rapid Turn Around
of Distribution Assets.***

Palletized Load System



TC ENABLERS

HEMTT - Load Handling System



Movement Tracking



BOIP: 129 per Hvy Div; 129 Total

- O/H by EIPD - No Problems/Issues
- FY 00: Priority Fielding to IBCT
- Nov 00: 44 to 704th FSB (DCX)
- FY 01: 85 Fielded to Other

BOIP: 33 per TMT Co; 172 Total

- O/H by EIPD - No Problems/Issues
- Jan 00: 22 to 704th DSB, Ft. Hood (DCX)
- Jan 00: 11 to 704th FSB, Ft. Carson (Non-DCX)
- 15 Fielded to Other DCX Units
- 124 Fielded to Other 4ID

Container Roll-In/Out Platform



BOIP: 1 per PLS/LHS; 314 Total

- O/H by EIPD - No Problems/Issues
- Aug 00: 44 to 704th DSB (DCX)
- Sep 00: 18 to 204th FSB (DCX)
- Oct 00: 18 to 404th ASB (DCX)
- Nov 00: 18 to 664th OD Co (DCX)
- Nov 00: 52 to 204th FSB (LHS DCX)
- FY 01: 164 Fielded to Other 4ID

Container Handling Unit



BOIP: 2 Squad; 12 Total

- O/H by EIPD - No Problems/Issues
- Jul 00: 4 to 704th DSB (DCX)
- Jul 00: 1 to 404th ASB (DCX)
- Jul 00: 5 to 664th OD Co (DCX)
- Jul 00: 1 to 4th FSB (Non-DCX)

BOIP: Vehicles/CS; Total 346/65

- EIPD Will Not Be Met
- Oct 00: 13th COSCOM; Installation Kits, 20 V2, 10 CS, Personnel Trained
- Oct 00: 4ID; 346 A-Kits Installed; 530 Soldiers Trained; V2 Fielding

Current Fielding Focused on 4ID; Initial RC Fielding Will be to Corps Units

TC Enablers



Container Roll-In/ Roll-Out Platform (CROP)

- **Next Generation PLS Flatrack**
- **Narrower and Shorter to fit inside a 20 foot Container**
- **Reduces the Requirements for MHE Forward of the Division Rear**



TC Enablers



HEMTT-LOADING HANDLING SYSTEM (LHS)

- HEMTT Capable of Loading/Off-Loading
Flatracks & 8x8x20' ISO Containers
- Operates within MSB, FSB & Div
Svc Batteries
- Extends Supply Throughput
Capability of PLS

CONTAINER HANDLING UNIT (CHU)

Handling
Arm of a PLS

- Allows PLS to Pick Up 20' ISO
Containers
& Shelters *Without* Flatrack
- Reduces Transshipment Times
- Operates in Corps & EAC Areas of



Conclusion

Famous Quote For Transport

***“SOMETIMES SOLDIERS
LIKE ME NEED TO BE
REMINDING THAT
TRUCKS ARE AS
IMPORTANT AS TANKS.”***

General Norman
Schwarzkopf